

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V • EXAMINATION – WINTER • 2014

Subject Code: 150706

Date: 08-12-2014

Subject Name: Visual Basic Application and Programming

Time: 10.30 am - 01.00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) What are the various types of applications we can be developed using Visual Basic? **07**
(b) Write a note on Macro in Visual Basic? **07**
- Q.2** (a) Explain Break Point, properties window and object browser in Visual Basic. **07**
(b) Write a Visual Basic application to implement animation of traffic signal. **07**
- OR**
- (b) Explain event in VB? How can we do event driven programming in VB? **07**
Explain with the help of example.
- Q.3** (a) With the help of example explain various control structures used in visual basic programming. **07**
(b) Differentiate procedure and function in VB. **07**
- OR**
- Q.3** (a) How datatype conversion is done in VB? List and explain all data conversion functions. **07**
(b) How can we access database using ADODB? Write steps for database connectivity. **07**
- Q.4** (a) Compare and list properties of textbox and label. **07**
(b) What is Frame? How can we use them in VB programming? Give an example. **07**
- OR**
- Q.4** (a) What is Error? Explain run time error. Also explain how run time errors can be handled in VB. **07**
(b) What is array? How can we use dynamic array in VB? **07**
- Q.5** Write a short note on any two **14**
(a) Data types and constants in VB
(b) CommandBar Object
(c) List and Combobox
